



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D3278-2
Job Sheet 196823



Part No: D3278-2

Job Qty: 60 pcs

Part Name: Support



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 6/21/19

Job Tracking No:

Due Date: 7/29/19

Created By: Marie Lajeunesse

Type: Stock *SOLD*

Description:

Note: DWG REV C IPP: A 04.04.19 New issue KJ/JLM IPP B 07.09.06 Rev C dwg EC Verified by: JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Bandsaw - 1	60 pcs	7/29/19	7/29/19	0.00	3.00	Bandsaw - 1		<i>BM</i>
110	HAAS 5 Axis - B4B <i>N/A</i>	60 pcs	7/29/19	7/29/19	0.06	25.75	HAAS - 5 - B4B		
120	Outsource - 5 - Machining	60 pcs	7/29/19	7/29/19			MEM001-VC		<i>KJ 2019-06-26</i>
123	Packaging 2-1 - Receive - B4B	60 pcs	7/29/19	7/29/19	0.00	0.00	Packaging 2 - 1 - B4B		
							Packaging 2 - 2 - B4B		
							Packaging 2 - 3 - B4B		
							Packaging 2 - 5 - B4B		
							Packaging 2 - 4 - B4B		
							Packaging 2 - 6 - B4B		
							Packaging 2 - 7 - B4B		
							Packaging 2 - 8 - B4B		
							Packaging 2 - 9 - B4B		
							Packaging 2 - 10 - B4B		
							Packaging 2 - 11 - B4B		
							Packaging 2 - 12 - B4B		
							Packaging 2 - 13 - B4B		<i>DP JUL 2 2 2019</i>
							Packaging 2 - 14 - B4B		
							Packaging 2 - 15 - B4B		
							Packaging 2 - 16 - B4B		
							Packaging 2 - 17 - B4B		
							Packaging 2 - 18 - B4B		



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S193816



Part: D3278-2

Job No: 196823

Serial No/Batch: S193816

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Date: 06/26/19

					Packaging 2 - 19 - B4B	
					Packaging 2 - 20 - B4B	
					Packaging 2 - 21 - B4B	
					Packaging 2 - 22 - B4B	
					Packaging 2 - 23 - B4B	
					Packaging 2 - 24 - B4B	
					Packaging 2 - 25 - B4B	
					Packaging 2 - 26 - B4B	
					Packaging 2 - 27 - B4B	
					Packaging 2 - 28 - B4B	
					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
126	QC 6	60 pcs	7/29/19	0.00 0.00	QC 6 - 9	
					QC 6 - 68	
					QC 6 - 61	
					QC 6 - 40	
130	QC 8	60 pcs	7/29/19	0.00 0.00	QC 8 - 12	
					QC 8 - 14	
					QC 8 - 17	
					QC 8 - 20	
					QC 8 - 25	
					QC 8 - 3	
					QC 8 - 32	
					QC 8 - 33	
					QC 8 - 35	
					QC 8 - 39	
					QC 8 - 4	
					QC 8 - 44	
					QC 8 - 45	
					QC 8 - 49	
					QC 8 - 58	
					QC 8 - 8	
					QC 8 - 9	
					QC 8 - 68	
					QC 8 - 67	
					QC 8 - 1 (A)	
					QC 8 - 47	
					QC 8 - 40	

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140	Handfinish - 1-1 Chemical-B4B	60 pcs	7/29/19	0.00	6.18	QC 8 - 52	
						QC 8 - 23	
						QC 8 - 57	
						Handfinish - 1 - 1 - B4B	
						Handfinish - 1 - 2 - B4B	
						Handfinish - 1 - 3 - B4B	 JUL 23 2019
						Handfinish - 1 - 4 - B4B	
						Handfinish - 1 - 5 - B4B	
						Handfinish - 1 - 6 - B4B	
						Handfinish - 1 - 7 - B4B	
						Handfinish - 1 - 8 - B4B	
						Handfinish - 1 - 9 - B4B	
						Handfinish - 1 - 10 - B4B	
						Handfinish - 1 - 11 - B4B	
						Handfinish - 1 - 12 - B4B	
						Handfinish - 1 - 13 - B4B	
						Handfinish - 1 - 14 - B4B	
						Handfinish - 1 - 15 - B4B	
						Handfinish - 1 - 16 - B4B	
						Handfinish - 1 - 17 - B4B	
						Handfinish - 1 - 18 - B4B	
						Handfinish - 1 - 19 - B4B	
						Handfinish - 1 - 20 - B4B	
						Handfinish - 1 - 21 - B4B	
						Handfinish - 1 - 22 - B4B	
150	Powdercoat - 1 White GI(A)-B4B	60 pcs	7/29/19	0.00	1.23	Powdercoat - 1 - B4B	
						Powdercoat - 2 - B4B	
						Powdercoat - 3 - B4B	
						Powdercoat - 4 - B4B	
160	QC 3	60 pcs	7/29/19	0.00	0.00	QC 3 - 10	
						QC 3 - 13	
						QC 3 - 15	
						QC 3 - 17	
						QC 3 - 18	
						QC 3 - 2	
						QC 3 - 28	
						QC 3 - 3	
						QC 3 - 30	
						QC 3 - 34	
						QC 3 - 36	
						QC 3 - 41	

				QC 3 - 51	
				QC 3 - 58	
				QC 3 - 59	
				QC 3 - 68	DAS
				QC 3 - 9	40
				QC 3 - 40	24 2019 9-89
				QC 3 - 19	
				QC 3 - 43	
				QC 3 - 24	
170	Packaging 3-1 - Stock - B4B	60 pcs	7/29/19	0.00 0.00	Packaging 3 - 1 - B4B
					Packaging 3 - 2 - B4B
					Packaging 3 - 3 - B4B
					Packaging 3 - 4 - B4B
					Packaging 3 - 5 - B4B
					Packaging 3 - 6 - B4B
					Packaging 3 - 7 - B4B
					Packaging 3 - 8 - B4B
					Packaging 3 - 9 - B4B
					Packaging 3 - 10 - B4B
					Packaging 3 - 11 - B4B
					Packaging 3 - 12 - B4B
					Packaging 3 - 13 - B4B
					Packaging 3 - 14 - B4B
					Packaging 3 - 15 - B4B
					Packaging 3 - 16 - B4B
					Packaging 3 - 17 - B4B
					Packaging 3 - 18 - B4B
					Packaging 3 - 19 - B4B
					Packaging 3 - 20 - B4B
					Packaging 3 - 21 - B4B
					Packaging 3 - 22 - B4B
					Packaging 3 - 23 - B4B
					Packaging 3 - 24 - B4B
					Packaging 3 - 25 - B4B
					Packaging 3 - 26 - B4B
					Packaging 3 - 27 - B4B
					Packaging 3 - 28 - B4B
					Packaging 3 - 29 - B4B
					Packaging 3 - 30 - B4B
					Packaging 3 - 31 - B4B
					Packaging 3 - 32 -

					B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
180 QC 21 - SA	60 pcs	7/29/19	0.00	0.00	QC 21 - SA - 21	
					QC 21 - SA - 70	JUL 26 2019
					QC 21 - SA - 53	

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Part Op 100 - (Bandsaw) Cut blank: 2.00" x 1.00" x 2.550" long
 Descriptions: 110 - (HAAS CNC vertical machine #5)
 130 - (QC8- Inspect parts - second check)
 140 - (Chemical Conversion Coat per QSI005 4.1)
 150 - (White Gloss(Ref:4.3.5.1) per QSI005 4.3-Alum) START TIME:
 160 - (QC3- Inspect Part Finish)
 170 - (Identify as per dwg & Stock Location:) LOCATION : GA
 180 - (QC21- Final Inspection - Work Order Release)

MISB
D.HO. OUT: 30° FINISH: 11.10

MAT
used
13.000

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M6061T6B1.000X02.000	6061-T6 Bar 1.00 X 2.00	13.0200 ft (.217 ea)	100-Bandsaw - 1	S157420

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Bandsaw - 1	M6061T6B1.000X02.000	13	31	0

Part Specifications					
Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Support	0.098inches + 0.005 - 0.000	0.103 0.098		
2	Support	0.359inches ± 0.005	0.364 0.354		
3	Support	0.609inches ± 0.010	0.619 0.599		
4	Support	0.250inches ± 0.010	0.260 0.240		
5	Support	1.480inches ± 0.005	1.485 1.475		
6	Support	0.125inches ± 0.010	0.135 0.115		
7	Support	0.119inches + 0.005 - 0.004	0.124 0.115		
8	Support	2.439inches ± 0.010	2.449 2.429		
9	Support	1.980inches ± 0.010	1.990 1.970		
10	Support	0.130inches ± 0.030	0.160 0.100		
11	Support	0.257inches + 0.005 - 0.000	0.262 0.257		
12	Support	0.375inches ± 0.010	0.385 0.365		
13	Support	0.875inches ± 0.010	0.885 0.865		
14	Support	0.500inches ± 0.010	0.510 0.490		
15	Support	0.400inches ± 0.010	0.410 0.390		
16	Support	1.000inches ± 0.030	1.030 0.970		
17	Support	1.720inches ± 0.010	1.730 1.710		
18	Support	0.125inches ± 0.010	0.135 0.115		
19	Support	0.125inches ± 0.010	0.135 0.115		

Plex 6/21/19 10:53 AM Dart.lajeunesse.marie

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐ ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled		FAULT CATEGORY ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB043847



Supplier: MEM001-VC
Metec Metal Technology Inc.
20 Terry Fox Drive PO Box 781
Vankleek Hill
ON
K0B 1R0 Canada
Phone: 613 678 3957
Fax: 613 678 3956

Attention: Walz, Shigi

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB043847

PO Date: 6/26/19

Due Date: 7/17/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Via: Ground

Pymt Terms: Net 60

Freight Terms:

Special Comments:

E-MAILED
2019-06-26

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	196822	D3278-1	Support : Various STC's (Outsource process - Machining)	Firmed	-	7/17/19	60 pcs	0 pcs	60 pcs	\$46.94/pcs	\$2,816.40
				X60			JUL 22 2019		\$193811		DP
2	196823	D3278-2	Support : Various STC's	Firmed	-	7/17/19	60 pcs	0 pcs	60 pcs	\$46.94/pcs	\$2,816.40
				X60		JUL 22 2019			\$193816		DP
Grand Total:											\$5,632.80

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 6/26/19 3:48 PM Dart.Guerin/Kimberley

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Packing List

Bill Dart Aerospace Ltd.
To: 1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Canada

Ship Dart Aerospace Ltd.
To: 1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Canada

Shipment No: 25604
Shipment Date: 22-Jul-2019
Ship Via: Pick up at METEC
Order Number: 3962
Order Date: 06/26/2019

Customer Code: DART
Phone: (613) 632-9577
PO Number: POHB043847
Terms: Net 60 Days

----- Quantity -----									Job
<u>Item</u>	<u>Open</u>	<u>Shipped</u>	<u>B/O</u>	<u>Canceled</u>	<u>Unit</u>	<u>Description</u>		<u>Revision</u>	<u>Number</u>
1	60	60	0	0	EA	DART-D3278-1P Support, unpainted		C	3962-01
2	60	60	0	0	EA	DART-D3278-2P Support, unpainted		C	3962-02

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RECEIVED
JUL 22 2019
DART AEROSPACE LTD.

The delivered goods must be inspected upon receipt to confirm compliance. Should there be discrepancies please notify METEC within 30 days of delivery. The goods are otherwise deemed accepted.

Received In Good Order By
Dart Aerospace Ltd.



20 Terry Fox Drive, Vankleek Hill, Ontario K0B 1R0

Tel. (613) 678-3957 & (613) 678-2782 Fax (613) 678-3956 metec@metec.ca

CERTIFICATE OF CONFORMITY

SOLD TO:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, Ont.
K6A 1K7

SHIPPED TO:

same

Quantity	Part Number	Part Name	DAS 61 9-89	Dwg Rev.#	Material Batch #	Paint Batch #	P.O. Number
60	D3278-1P	Support		C	196823	Unpainted	HB043847
60	D3278-2P	Support		C	196822	Unpainted	HB043847

MATERIAL: supplied by DART

We hereby certify that the above parts were made in conformance with applicable drawings.

METEC Metal Technology Inc.

Heather Nixon

Vankleek Hill, July 22, 2019



20 Terry Fox Drive, Vankleek Hill, Ontario K0B 1R0

Tel. (613) 678-3957 & (613) 678-2782 Fax (613) 678-3956 metec@metec.ca

CERTIFICATE OF CONFORMITY

SOLD TO:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, Ont.
K6A 1K7

SHIPPED TO:

same

Quantity	Part Number	Part Name	Dwg Rev.#	Material Batch #	Paint Batch #	P.O. Number
60	D3278-1P	Support	DAS C	196823	Unpainted	HB043847
60	D3278-2P	Support	6 C	196822	Unpainted	HB043847
			9-8			

MATERIAL: supplied by DART

We hereby certify that the above parts were made in conformance with applicable drawings.

METEC Metal Technology Inc.

Heather Nixon

Vankleek Hill, July 22, 2019